

TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. 371

US57.0306-WO

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.

PCT/GB00/02686

INTERNATIONAL FILING DATE

13 July 2000 (13.07.00)

PRIORITY DATE CLAIMED

14 July 1999 (14.07.99)

TITLE OF INVENTION

SENSING DEVICE

APPLICANT(S) FOR DO/EO/US

HALL, Christopher and HUNT, Andrew

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☒ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International application as filed (35 U.S.C. 371(c)(2))
  - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☒ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(C)(2)).
  - a. ☐ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)).
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
14. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821-1.825.
18. ☒ A second copy of the published international application under 35 U.S.C. 154(d)(4). (WO 01/04460 A1)
19. ☐ A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. ☒ Other items or information:
  - Form PCT/IB/308 Notice Informing the Applicant of the Communication of the International Application to the Designated Offices
  - (A copy of PCT/IPEA/416 and 409 are attached with amended sheets of claims under Article 34)

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)		INTERNATIONAL APPLICATION NO <b>PCT/GB00/02686</b>		ATTORNEYS DOCKET NUMBER <b>US57.0306-WO</b>	
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21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO, and International Search Report not prepared by the EPO or JPO ..... <b>\$1040.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... <b>\$890.00</b>  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... <b>\$740.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4)..... <b>\$710.00</b>  International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4)..... <b>\$100.00</b>  <div style="text-align: center;"><b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b></div>				<b>CALCULATIONS PTO USE ONLY</b>	
Surcharge of <b>\$130.00</b> for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				<b>\$890.00</b>  <b>\$130.00</b>	

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	13 - 20 =	00	x <b>\$18.00</b>	<b>\$00.00</b>	
Independent claims	2 - 3 =	00	x <b>\$84.00</b>	<b>\$00.00</b>	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ <b>\$280.00</b>	<b>\$</b>	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				<b>\$1020.00</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				<b>\$</b>	
<b>SUBTOTAL =</b>				<b>\$1020.00</b>	
Processing fee of <b>\$130.00</b> for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				<b>\$</b>	
<b>TOTAL NATIONAL FEE =</b>				<b>\$</b>	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property +				<b>\$</b>	
<b>TOTAL FEES ENCLOSED =</b>				<b>\$1020.00</b>	
				<b>Amount to be refunded:</b>	<b>\$</b>
				<b>charged</b>	<b>\$1020.00</b>

a. ☐ A check in the amount of \$\_\_\_\_\_ to cover the above fees is enclosed.

b. ☒ Please charge my Deposit Account No. **19-0615** in the amount of **\$1020.00** to cover the above fees.  
 A duplicate copy of this sheet is enclosed.

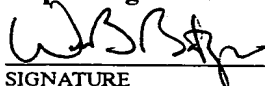
c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
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d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card  
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**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR  
 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:  Intellectual Property Law Department Schlumberger -Doll Research 36 Old Quarry Road Ridgefield, CT 06877-4108	 SIGNATURE  <u>William B. Batzer</u> NAME  <u>37.088</u> REGISTRATION NUMBER
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UNITED STATES PATENT AND TRADEMARK OFFICE

 Commissioner for Patents, Box PCT  
 United States Patent and Trademark Office  
 Washington, D.C. 20231  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/030,587 - 1/3/02	Christopher Hall	US57.0306-WO

INTERNATIONAL APPLICATION NO.	
PCT/GB00/02686	
I.A. FILING DATE	PRIORITY DATE
07/13/2000	

William B Batzer  
 Intellectual Property Law Department  
 Schlumberger Doll Research  
 36 Old Quarry Road  
 Ridgefield, CT 06877-4108

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CONFIRMATION NO. 6459

371  
 ABANDONMENT/TERMINATION  
 LETTER

\*OC000000007741473\*

Date Mailed: 03/29/2002

## NOTIFICATION OF ABANDONMENT

The United States Patent and Trademark Office in its capacity as an Elected Office (37 CFR 1.495), has made the following determination:

- Applicant has failed to provide the full U.S. Basic National Fee by 30 months (37 CFR 1.495(b)(2)).

Therefore, the above identified application failed to meet the requirements of 35 U.S.C. 371 and 37 CFR 1.495, and is ABANDONED AS TO THE UNITED STATES OF AMERICA.

FRANCINE YOUNG

Telephone: (703) 305-3662

PART 1 - ATTORNEY/APPLICANT COPY

FORM PCT/DO/EO/909 (371 Abandonment Notice)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	)	
	)	
Christopher HALL and Andrew HUNT	)	
	)	
Appl. No.: To be Assigned	)	Group Art Unit:
Int'l Appl No.: PCT/GB00/02686	)	
	)	
Filed: 03 January 2002	)	Examiner:
Int'l Filing Date: 13 July 2000	)	
	)	
For: SENSING DEVICE	)	Docket N°: US57.0306-WO

EXPRESS MAIL CERTIFICATE  
UNDER 37 CFR §1.10

Assistant Commissioner for Patents  
U.S. Patent and Trademark Office  
P.O. Box 2327  
Arlington, VA 22202

EL442087304US

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Express Mail Label Number: EL442087304US

Date of Deposit: 03 January 2002

I hereby certify that the attached US national patent application and fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, U.S. Patent and Trademark Office, P.O. Box 2327, Arlington, VA 22202.

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US57.0306-WO

APPLICANTS: Christopher HALL and Andrew HUNT

APPL NO: To be Assigned

INT'L APPL NO: PCT/GB00/02686

FILED: 03 January 2002

INT'L FILING DATE: 13 July 2000

10/030587

JC10 Rec'd PCT/PTO 03 JAN 2002

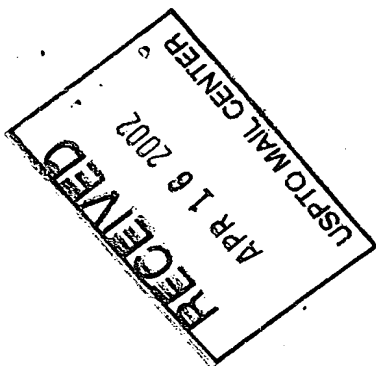
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PAPERS: Transmittal Ltr to US Desig./Elect Office (DO/EO/US)  
Preliminary Amendment  
Form PCT/IB/308  
Forms PCT/IPEA/416 and 409 with amended sheets of  
claims under Article 34  
Express Mail Certificate No. EL442087304US

PAPER DATE: 03 January 2002

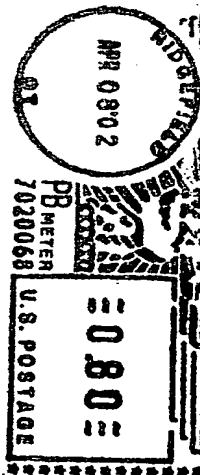
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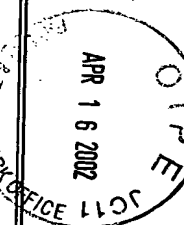
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